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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/873,367

DATE: 08/07/2001  
TIME: 10:09:43

Input Set : N:\paola\09873367.txt  
Output Set: N:\CRF3\08072001\I873367.raw

3 <110> APPLICANT: Young, Paul  
4 Soppet, Daniel  
5 Endress, Gregory  
6 Augustus, Meena  
7 Ebner, Reinhard  
8 Carter, Kenneth  
10 <120> TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using  
Signature Gene  
11 Sets  
13 <130> FILE REFERENCE: 689290-64  
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/873,367  
C--> 15 <141> CURRENT FILING DATE: 2000-06-05  
15 <150> PRIOR APPLICATION NUMBER: U.S. 60/209,473  
16 <151> PRIOR FILING DATE: 2000-06-05  
18 <150> PRIOR APPLICATION NUMBER: U.S. 60/209,531  
19 <151> PRIOR FILING DATE: 2000-06-05  
21 <150> PRIOR APPLICATION NUMBER: U.S. 60/236,842  
22 <151> PRIOR FILING DATE: 2000-09-29  
24 <150> PRIOR APPLICATION NUMBER: U.S. 60/236,891  
25 <151> PRIOR FILING DATE: 2000-09-29  
27 <150> PRIOR APPLICATION NUMBER: U.S. 60/244,867  
28 <151> PRIOR FILING DATE: 2000-11-01  
30 <150> PRIOR APPLICATION NUMBER: U.S. 60/245,084  
31 <151> PRIOR FILING DATE: 2000-11-01  
33 <160> NUMBER OF SEQ ID NOS: 1067  
35 <170> SOFTWARE: PatentIn version 3.0  
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38 <211> LENGTH: 447  
39 <212> TYPE: DNA  
40 <213> ORGANISM: Homo sapiens  
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43 <221> NAME/KEY: misc\_feature  
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52 gtcaccctta taggagccta ctgtacattc tcattgtgaa ccaatctctc tttacattca 180  
W--> 54 caatattatg atgcnttcac ngggaggggc tcttcccaa ggtaaatgta gctcatttaa 240 OK  
W--> 56 naaactacag tggggctctg tgatctatgt acacatgtat gtcacatatt tgaccattta 300  
58 aaaacacag aaacccttga gactttctgt aaaattttgg gatcataaaa tatattaaaa 360  
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62 ttcccagtat tggggaaaag cagggca 447  
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70 <220> FEATURE:  
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80 taagtgaggg ccccaggatc cacctgccta ggcttcccaa agtgctggga ttacaggcgt 180
82 gaccaccgcg gccagccaa gttttggtt cctcaactgg aggtaatatt acatatttta 240
84 cttatacata tgcataagta aacaaagagg gttgttttga gggtaataa aattgatgga 300
W--> 86 tgttaacgct ctntcggtaa attataaagc actatacaa tacaaggcat tattgttaat 360
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92 <211> LENGTH: 364
93 <212> TYPE: DNA
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97 <221> NAME/KEY: misc_feature
98 <223> OTHER INFORMATION: n=a,t,g or c
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104 acttataaaa atgttttgaa agaacatttg aaaaatagat gaatgtcttc tagccagtta 120
106 atagcagaga aagaatttag ttttggtagc tcataagtca gtaaccgtat gccatgtctc 180
W--> 108 cagaagtaaa atccgtctgt tttccagaaa aatgtgatgt agngaattnt cattttatgt 240
110 gttatatttg actcattaat gttaaatttta gatttaaaaa aatcaagttt atttgctttc 300
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114 gtgt 364
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118 <211> LENGTH: 158
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120 <213> ORGANISM: Homo sapiens
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125 tctcaaagtg aagtttagga gtgagtttta gtgttttgta atttgaagaa aagtgtctta 120
127 aaattcaaag ataccaatgg aaagataaaa gtttgggg 158
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131 <211> LENGTH: 271
132 <212> TYPE: DNA
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138 ataagtacca taattaggtg catgtcctgt gagaacagtg aaagggtaat actgttatgt 120
140 tactcttact tgtttacatg agttaactag aaaatggcta caactgctaa atgatgctta 180
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153 <221> NAME/KEY: misc_feature
154 <223> OTHER INFORMATION: n=a,t,g or c

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162 gatttaaaaa ttttttttca tgaacaaacc atcagtagtt attaaggagc ccaagaaata      180
164 ggagatgtga aagcaggatt tctttgtgtt tcctttgaat gttgttattt tgagtattat      240
166 cattatcagg tagaggaaga aaggtaggct gggagtagg tctttatgat atcttgacta      300
W--> 168 tggatcccag atttacattt cacctngtca cagagcacac ataatttaag ataaacatgt      360
W--> 170 caagaatgac ataaaccaga ggtaaacacc aaggagcttt acatttggaa ccngaaaata      420
W--> 172 aaaattagaa aaattattac cccatattaa taaccaaaaa attacttaaa ctctaggmnc      480
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178 <211> LENGTH: 502
179 <212> TYPE: DNA
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183 <221> NAME/KEY: misc_feature
184 <223> OTHER INFORMATION: n=a,t,g or c
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190 aaaattattc taacatacaa ttaggagata attattttat tcatcacaaa atttactact      120
192 tttaacttta gagaccagtg aacgtatgta ccattacctt ttgaaagaca gaatgtctcc      180
194 tcatattgtt ttcttacttt ctagacataa caagcacott gccatcacac tgaaaagatc      240
196 ataaaatata tagtggttgac ttaaaaatca gtatgatatc tgagactggg tttataaaaa      300
198 ggaagaatca ttgaatttga gtactgaagt tgaaaactag ccatatttgg ttataaatc      360
W--> 200 ctcttaaaaa attagtagtt tctactttgg attnttcctt cnggatggat ttcaccctt      420
W--> 202 aatttagaag tcnaaatacc ttcaaatttt tccctcctnt aaatngttaa tttgccacac      480
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207 <210> SEQ ID NO: 8
208 <211> LENGTH: 590
209 <212> TYPE: DNA
210 <213> ORGANISM: Homo sapiens
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214 <223> OTHER INFORMATION: n=a,t,g or c
217 <400> SEQUENCE: 8
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220 aaaaaaaaca tacatttttg aatgtaaaat acccctacag atataaacag gggcgtttcc      120
222 cctottaata ctttggtttt caatacagtc agtggtatag caaagactac acatacccaa      180
224 cttatattta agttgcaagc acatgctgta taagctactt tttttaaaca gtccccttgc      240
226 aaactctacc ccccttaaca tcacaatagt aaacaattta gtgcatcaat cgtttaaaaa      300
228 atctacagct aaacagacct aactctttca aatttatcta taacattcct ttatctgtag      360
230 catacatttt aactgggcta acagattata aaaactagaa ttaaattata tactagaaac      420
232 ccagagcatt ccacatttga caatgaccaa aagccaaaaa atataaaata aaaataaaac      480
W--> 234 aaacaaaaaa taatggggcg tttccctttt aaaaaataaa ttttagctgc ntctcggnaa      540
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240 <211> LENGTH: 496
241 <212> TYPE: DNA
242 <213> ORGANISM: Homo sapiens

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W--> 254 caggcagtga gcctagcaac catacatcga aggtgtcgcc agcctcagtg ccggtggncg      180
256 tctgcaccag gaatagctaa agccgacgac atctagccac ctcgagcgcc aggggaagacg      240
W--> 258 ctccggtana aaccgcggcc tcaggcggac tcccgctcca gctccgcgct gctggtggca      300
260 tttccgggga cccaaagtgg gtggccttcg tcttgccccc gcagtggcag cacacggtcc      360
262 acaggtactt gagcgtccgc cagagcaaga tgatgaagag gccccgaaga aagtcaccat      420
W--> 264 ggaaggaggc caggaaagcc caccaaagtc gttngncccc gntgtcgaaan ggaacctcca      480
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279 tagaggacgt ctcttctgtg tgattcctac agccgagaca agatgtgatc acaggagact      180
281 ccaaaatctc aaactgggct tgagtaacac cctagataaa catcaggaaac cccactgagg      240
283 ctgaagtact gaaactgtgg cccatgtgaa aaagagggtgc aagtgccaaa gattcatgca      300
285 gagcctgctg gaacagaggg tgggtggcggc gggttagtcc acacttacac accagcaggt      360
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295 <213> ORGANISM: Homo sapiens
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300 aggtaaatca ttgatgattt atattaccaa tttttagaag taattttcta gtaagcttgt      120
302 ggcacacagaa aatactagaa gattttttta gttaaattag ttagaacatt tatgaatgaa      180
304 tataataaat attttttcag aataaaatat ggaccctttg tgtttactaa tagataaagc      240
306 cagatagtaa ttttttgttt ttaaggccac aaaatatggc ctttggttaa gaacactaaa      300
308 gttagaaatc taaagttaga gcaacttttt aatggctatt tcctattatt gtaagtgtta      360
310 aaacccc                                     367
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320 <223> OTHER INFORMATION: n=a,t,g or c
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328 aacagtgtcg tatctatagc acagaatcgt tggaggccaa agctaaagca gtaggggcta      180

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330 ctgcaacttc tagctcttta ctgctgcttt tttgtttgtt tgatagaggg ggattcaggt      240
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334 ggatccatcc catgctgtct tgaactgttc aggaatggga aattctctat aatcaccatc      360
336 ctgaggggata agtatgttca tttcagatga cttggcgctc acgatctcac agtctaattgc      420
338 atcttcactg aggtatatgt ggcaaccttc tgtcttatta atggaaattg ttggcactct      480
W--> 340 ccccattacc tggatttgaa tgtcctggga gttgatcact tccacnatgc ccaccacatt      540
W--> 342 ggcnaacacc agccgagttt ttacagtggc cattatcctc gtgccgaatt tggcccaggg      600
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357 tttctgtctc ctcatcactg gccatagctt cccaatcacc caatccagca tcttcagtat      180
359 cttcttcttc ttctgggtca acaggaggtg gtgtctcttc cttttctggg actccttggt      240
361 ccataacttc tacagcagca cataattcca ttgattcaga cacttcttta ctttctagct      300
363 gctgtgggtat ttttttctc tttttatctt cataaattgg cctcttcttt ggcaaagagt      360
365 cttttgatgg cacttcaaca ccttgagctt gtagcagttt aagagtagct tcggctctgg      420
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375 <213> ORGANISM: Homo sapiens
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382 accatgtgcc cacactccag taggacacag tcgatgacgg catccatgca gatgcgacac      180
384 aggtgtcgt cttctcacc ctgcagctgc agccgctcgc cataggactt ttggttttct      240
386 tcattctctt tgtataaccg gtttactttc tctaccagtt cccatttttc acaacagcca      300
388 gaatagttga caaaattccg agccagaatt tcttccagct ggcgcacgct tcattccttc      360
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405 attctattca tcttgtttgc actttagaga gagaagtaag ctatgtgagt ttacaatgc      180
407 ttttaaactg tcatatttcc tgttgagcac tttaactggc acattcttat agttataaat      240
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417 <211> LENGTH: 572

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.